

**EXHIBIT A**  
**(White Paper)**



# Giga Watt

Token Launch White Paper

May 2017

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## Legal Disclaimer

The purpose of this White Paper is to present the Giga Watt project to potential token holders in connection with the proposed Token Launch. The information set forth below may not be exhaustive and does not imply any elements of a contractual relationship. Its sole purpose is to provide relevant and reasonable information to potential token holders in order for them to determine whether to undertake a thorough analysis of the company with the intent of acquiring WTT tokens.

Nothing in this White Paper shall be deemed to constitute a prospectus of any sort or a solicitation for investment, nor does it in any way pertain to an offering or a solicitation of an offer to buy any securities in any jurisdiction. This document is not composed in accordance with, and is not subject to, laws or regulations of any jurisdiction which are designed to protect investors.

Certain statements, estimates and financial information contained in this White Paper constitute forward-looking statements or information. Such forward-looking statements or information involve known and unknown risks and uncertainties which may cause actual events or results to differ materially from the estimates or the results implied or expressed in such forward-looking statements.

This English language White Paper is the primary official source of information about the WTT Token Launch. The information contained herein may from time to time be translated into other languages or used in the course of written or verbal communications with existing and prospective customers, partners etc. In the course of such translation or communication some of the information contained herein may be lost, corrupted, or misrepresented. The accuracy of such alternative communications cannot be guaranteed. In the event of any conflicts or inconsistencies between such translations and communications and this official English language White Paper, the provisions of this English language original document shall prevail.

## Token Launch Summary

**WTT token** is an Ethereum token representing the right to use the Giga Watt processing center's capacity, rent-free for 50 years, to accommodate 1 Watt's worth of mining equipment power consumption.

**Token Launch** means the initial sale to the public of WTT tokens.

**Token Issue** means a release of a specific batch of WTT tokens.

Tokens will be offered for 60 days starting on June 2, 2017 and ending on July 31, 2017.

The offering will be open to the public globally.

Token Sale Volume: 30 million WTT

Token Issue Volume: 34.5 million WTT<sup>1</sup>

Distribution of Tokens: For every 100 tokens sold in this offering 15 additional tokens will be issued and retained for the team members, partners and advisors<sup>2</sup>

Token Price at Issue: Equivalent of USD 1-1.2, depending on the date of the acquisition

Website link: <https://cryptonomos.com/wtt/>

Accepted forms of payment: Bitcoin ("BTC"), Ether ("ETH"), wire transfer

Presale Start Date: May 19, 2017, 12:00 PM PDT

Presale End Date: June 2, 2017, 12:00 PM PDT

Token Launch Start Date: June 2, 2017, 12:00 PM PDT

Token Launch End Date: July 31, 2017, 12:00 PM PDT

Initial Token Issue Date: August 7, 2017, 12:00PM PDT

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<sup>1</sup> The WTT tokens will only be issued based on actual existing facility capacity. More WTT tokens will be issued as the facility capacity is increased through future build outs.

<sup>2</sup> See Section 'Distribution and Rates' for details.

# Overview of the Giga Watt Project

## Substance of the Giga Watt Project

The Giga Watt Project is built in partnership between Giga Watt, Inc. a U.S. company (“Giga Watt” or “Company”), which offers mining hosting services at its Wenatchee, WA facilities, and GigaWatt Pte. Ltd., a Singapore company (“Partner”), which sells mining equipment to customers worldwide.

Giga Watt is a full-service mining solution provider. Giga Watt offers turnkey mining services or custom packages tailored to clients’ needs: full range of mining services from hosting, maintenance and repair to private blockchain servicing. The Partner offers equipment sales through Giga Watt’s web site<sup>3</sup>.

Giga Watt’s standard turnkey solution includes purchase and delivery of mining equipment through its Partner with its subsequent setup and hosting at Giga Watt’s facilities in Wenatchee, WA, with hosting fees starting as low as 7.5 USD cents/kW/hour<sup>4</sup>, zero setup fees (for equipment purchased through its Partner) and uniquely low minimum facility entrance threshold of 1 miner of any model.

Giga Watt can host a wide range of mining equipment models commonly used by miners; many popular models are offered for sale by its Partner.

Giga Watt also offers a variety of custom packages and services, so that clients who own their mining equipment, including the models not distributed by Giga Watt’s Partner, can still host it at Giga Watt’s facility: Giga Watt can accommodate any ASIC or GPU-based miners<sup>5</sup>.

Giga Watt mines all scalable cryptocurrencies. The decision on what currency to mine is made by the customers who own the mining equipment. However, at this stage it is technically impossible for Giga Watt to offer all available options to retail customers. Currently, retail customers can mine only BTC, ETH, and LTC<sup>6</sup>.

Your choice of equipment also determines which mining pool you can use. The following three pools are available to Giga Watt’s clients: Slush Pool to mine bitcoins, NanoPool for Ethereum and LitecoinPool for LTC<sup>7</sup>.

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<sup>3</sup> The sales and delivery of equipment is offered through the Partner’s sales module on Giga Watt’s web site .

<sup>4</sup> See details in Giga Watt’s Pricing section below.

<sup>5</sup> ASIC-based miners are used to mine bitcoin or litecoin, GPU-based equipment is used to mine other altcoins.

<sup>6</sup> Giga Watt is working on expanding this list of currencies in the future.

<sup>7</sup> List of mining pools may be revised in the future.

A miner is a piece of equipment operating 24/7 under extremely high load, so failures and breakdowns are quite common. Miners have to be shipped to service centers for repairs, which takes time, especially if a service center is located abroad, and every day of downtime means a loss of mining profit. Giga Watt's on-site service center minimizes the downtime (93.5% minimum uptime), thereby achieving more efficient mining.

Although it is common practice in the industry not to disclose the details of mining facilities, including their locations, in order to preserve trade secrets and shut competitors out of inexpensive power locations, Giga Watt believes in complete transparency. Years of experience in the mining business demonstrate that running a competitive company takes more than the ability to copy. This is why every two weeks Giga Watt welcomes visitors to its Open House in Wenatchee to personally tour the mining facility.

## Project History

In 2010, a software engineer and 10-year veteran startup entrepreneur Dave Carlson first came across Bitcoin. He's been innovating in the space ever since. In 2012 he founded MegaBigPower with the goal of building the world's first megawatt-scale Bitcoin mining center and identifying the key design parameters required to successfully scale up the business of Blockchain transaction processing. Soon it became one of the largest single-operator mines in the world.

Now, MegaBigPower has re-branded as Giga Watt, which completed the construction of 3 mining facilities designed by the original MegaBigPower team and built under their supervision (250kW, 1MW and 1MW). The opportunity to use these facilities is now being offered for tokenization. All three facilities are in operation and mostly rented out (actual numbers are placed and updated regularly here - <https://cryptonomos.com/wtt/#/capacity>). Giga Watt continues to build new units with its own resources<sup>8</sup>.

## Giga Watt's Pricing

Giga Watt's pricing structure for standard turnkey solution consists of a one-time charge for the purchase of miners and daily charges for hosting services, which include:

- effective electricity cost;
- maintenance fee; and

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<sup>8</sup> See details in the Timeline Section. Tokens are issued only when new processing center capacity becomes available for the use of the token holders.

- facility rental fee.

### Miners Purchase:

Four models of mining equipment<sup>9</sup> are currently available for purchase through Giga-Watt.com:

	ASIC miner S9 (PSU included)	ASIC miner T9 (PSU included)	ASIC miner L3+ (PSU included)	PandaMiner B3 Plus (PSU included)
Cryptocurrency mined	Bitcoin	Bitcoin	Litecoin	Ethereum
Hash Rate	13.5TH/s	12.5 TH/s	504 MH/s	237 MH/s
Power Consumption	1,323W +10%	1,576W +7%	800W +10%	1,250W + 10%
Chip	16nm	16nm	BM1485	RX470

Current prices and specifications are regularly published and updated at <https://giga-watt.com/promo/prices>.

### Hosting fees<sup>10</sup>:

	Small Starter up to 9 miners	Medium Self-Miner 10-49 miners	Large Small Facility 50-99 miners	X-Large Mining Farm 100 miners and more
<b>Hosting fee, hour</b>	<b>¢9.75 kW/h</b>	<b>¢9 kW/h</b>	<b>¢8.25 kW/h</b>	<b>¢7.5 kW/h</b>
Electricity	2.80	2.80	2.80	2.80
Maintenance	0.50	0.50	0.50	0.50
Facility rent	6.45	5.70	4.95	4.20
<b>Hosting fee, day</b>	<b>¢0.23 W/day</b>	<b>¢0.22 W/day</b>	<b>¢0.2 W/day</b>	<b>¢0.18 W/day</b>
Electricity	0.067	0.067	0.067	0.067
Maintenance	0.012	0.012	0.012	0.012
Facility rent	0.155	0.137	0.119	0.101

<sup>9</sup> The list of models may be revised in the future. Equipment's description may be revised at any time to reflect the manufacturer's specifications.

<sup>10</sup> Hosting fees may be revised in the future.

Payments for hosting services (electricity, maintenance, rental fees) are deducted daily from the mining rewards. Giga Watt does not charge any fees for transfers and withdrawals of funds; however, third parties may charge fees to transfer funds or withdraw them from the account on Giga Watt's platform).

Clients who have their own mining equipment can host it at Giga Watt at the same hosting prices, with the only difference of paying the following setup fees: USD 20 per ASIC-based miner, USD 40 per GPU-based miner<sup>11</sup>.

Giga Watt's service center also provides an add-on paid option of emergency equipment repairs. The cost of service depends on the nature of performed repairs.

## Market Overview

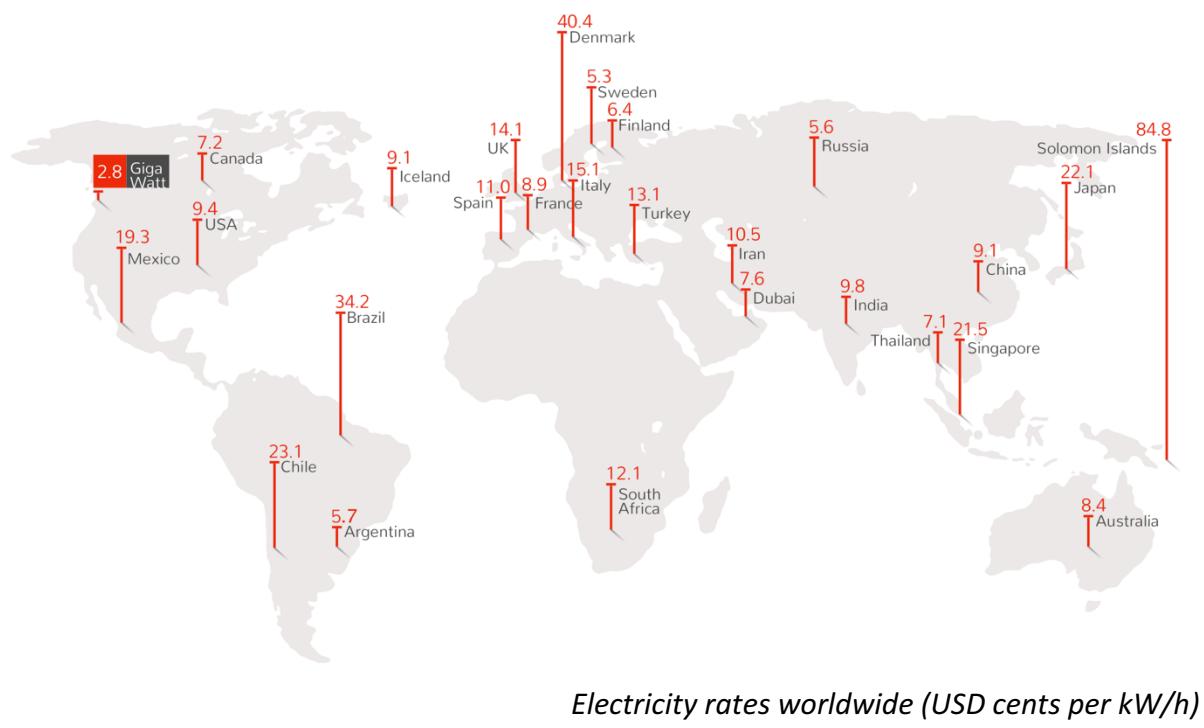
Generally, only four options exist on the market for cryptomining. These are: (i) to operate miners from home; (ii) to use cloud mining; (iii) to host your own miners at third-party hosting facilities; or (iv) to build proprietary mining facilities. The first two options are intended for private party mining, and the latter two are designed for businesses. Now, however, through its low fees and extremely low minimum entrance threshold, Giga Watt is able to offer a fifth option: competitive services which could be used not only by the clients of hosting companies but also serve as an alternative to home mining, cloud mining and self-built facilities.

	Min number of miners	Max number of miners	Electricity cost	Maintenance + rental fee	Min setup costs
Home mining	1	5	9.4 ¢/kW on average	0 ¢/kW	\$ 0
Cloud mining	0.015	10,000	9.9 ¢/kW and up		30%
3rd party hosting	100	250	3.0 ¢/kW and up	6.0 ¢/kW and up	\$ 2,000
Self-built farm	5,000	∞	2.8 ¢/kW and up	2.0 ¢/kW and up	\$ 3,000,000
<b>Giga Watt</b>	<b>1</b>	<b>70,000</b>	<b>2.8 ¢/kW</b>	<b>4.7 ¢/kW and up</b>	<b>\$ 0</b>

<sup>11</sup> Setup fees may be revised in the future.

Aside from the numbers, home mining is both expensive and demanding: it requires the owner's constant attention, and miners are quite noisy, which many find objectionable. Cloud mining is extremely opaque: As a rule, users have no knowledge of their equipment's brand name, model number, serial number, power efficiency and consumption, breakdown of costs, mining pool name or even the location of the facility. Self-built farms require experts and full-fledged business operations, which is risky: any mistake may cost millions. Third-party hosting provides a viable alternative but there is currently a dire shortage of these services: the demand greatly exceeds the supply.

What's more, effective electricity cost offered by Giga Watt is currently among the lowest feasible, and even taken together with other fees it is still comparable to average electricity rates worldwide.



All of this makes Giga Watt's expansion extremely timely and relevant.

## Giga Watt Technology

In the past 4 years, Giga Watt's team built 5 air-cooled mining facilities. This experience gave them the expertise to select, build and employ the best technologies for mining. From their experience Dave Carlson and his team discovered that large monolithic processing centers are not optimal for mining.

### ⊖ Large monolithic facility

- Active cooling uses up to 33% of a facility's available power
- Demands immense mechanical equipment
- Cooling, backup power and switchgear systems increase project costs fivefold

### ⊕ Compact high-density facilities

- + Shortest air flow distance saves power and cools efficiently
- + Utilizes readily available electrical transformers and switchgear
- + Minimum costs and progressive revenue earning during construction

The latest technology embodying this knowledge at Giga Watt's facility in Wenatchee, WA is the proprietary Giga Pods solution which takes advantage of the mining hardware's extremely high power density, avoids active cooling consumption, and saves power for high-efficiency mining, thus minimizing costs in every aspect of mining operations. Giga Pods can accommodate any type of miners. This model will be the cornerstone of Giga Watt's expansion<sup>12</sup>.

Giga Watt's distinctive infrastructure consists of numerous autonomous units. This approach offers flexibility in the processing center's design and record-fast expansion of its capacity. It also minimizes construction costs and allows to utilize first units while new units are being built.

The final Giga Pod model will be completed before the end of the Token Launch. Status of the construction can be checked here - <https://cryptonomos.com/wtt/#/capacity>.



<sup>12</sup> Actual dimensions, processing power and other characteristics may vary slightly.



*Size: 12'x48'*

*Independent fiber-optic Internet connection*

High-pressure fans constantly circulate fresh air through the pod. Filtered air intakes are positioned on one side, with exhaust fans on the other. Rain and snow “fallout area” provides cool shade at intake. Shade placement of transformers ensures higher efficiency and better longevity.

Single “mining wall” inside the pod ensures cool air circulation around miners. All heat-producing equipment is arranged next to exhaust fans.

Grass-covered campus reduces dust, cutting down on intake filters maintenance costs. Arrangement of Pods with exhaust fans facing each other (“hot aisle-cold aisle”), in-line with prevailing wind air currents, clears warm air efficiently. Network autonomy minimizes outage risks for the entire operation.

Minimum processing power of each Giga Pod is 750 kW. Processing power depends on the equipment each Pod is designed to accommodate. A Pod designed to accommodate bitcoin miners and GPUs<sup>13</sup> or only GPUs can have minimum processing power. A Pod designed to accommodate only bitcoin miners can house up to 1.75 MW, but requires more vents and heavier-duty inside wiring and equipment, which will proportionally increase the construction costs.

The choice of the required processing power is determined by the market demand. Giga Watt’s team chooses the most suitable Pod outfit option based on the agreements with its current and potential customers and their equipment hosting needs.

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<sup>13</sup> GPU is a graphics processing unit which can be used to mine Ethereum and certain other cryptocurrencies.

## Token Launch Details

### Token Launch Overview

Our goal is to offer the token holders access to both an exciting new world of technology and the cryptocurrency mining business. Generally, mining turnover is comprised of three components: (i) electricity cost; (ii) mining hosting cost; and (iii) mining net profits. Net profits can vary greatly depending on mining equipment, while costs are constant and predictable and consume the lion's share of the potential profits.



*This infographic is an example based on the calculations from April 28, 2017. The numbers may vary significantly due to the rate fluctuations, mining difficulty increase, and other factors.*

Under the existing partnership arrangements between Giga Watt and its Partner, the Partner is offered access to Giga Watt's facility at an unprecedentedly low hosting rate, which significantly increases mining rewards. Now, through the tokenization process, this low hosting rate can be passed to all token holders.

**Each Giga Watt Project Token (WTT)** represents the right to use the Giga Watt processing center's capacity, rent-free for 50 years, to accommodate 1 Watt's worth of mining equipment power consumption. So to provision and use your mining equipment rent-free, you will need to purchase the number of tokens equal to your equipment's power consumption:

	ASIC miner S9 (PSU included)	ASIC miner T9 (PSU included)	ASIC miner L3+ (PSU included)	PandaMiner B3 Plus (PSU included)
Power Consumption	1,323W +10%	1,576W +7%	800W +10%	1,250W + 10%

Token owners can use this capacity to accommodate their own miners or to rent it out to other users. Essentially, this is access to professional mining – with an extraordinarily low

entrance threshold. In fact, it could be compared to membership in an elite private mining club.



is



is



1 token

1 Watt

1 USD

Giga Watt's hosting fee typically consists of effective electricity cost, maintenance fee and rental fee. Token owners pay zero rent, which drastically reduces their ongoing costs: their hosting fee is comprised only of effective electricity cost and maintenance fee.

Miners	Hosting Fee, cents/kW/h		
	Standard	For WTT Holder	Saving
100+	7.50	3.30	56.00%
50-99	8.25	3.30	60.00%
10-49	9.00	3.30	63.33%
1-9	9.75	3.30	66.15%

To be used, tokens should be deposited in the token holder's account with Partner placed on Giga Watt's website<sup>14</sup>. When token holders buy miners from the Partner through Giga Watt's website, miners available to them will be automatically displayed in their accounts and matched with their tokens. If at the time of token purchase a token holder already owns miners, they can be matched with tokens manually<sup>15</sup>.

Token holders can also rent out their extra tokens if they have more tokens than they need to accommodate their miners.

<sup>14</sup> Token holders manage their tokens through the Partner's token holder account module on Giga Watt's web site.

<sup>15</sup> Please contact the support team for manual matching.

## Renting Tokens

Token holders who are not personally interested in mining or have spare tokens can rent them out via the Partner's rental module on Giga Watt's web-site<sup>16</sup>, choosing one of the rental fees set by Giga Watt. Token rental fees are the same as the Giga Watt's facility rental fees, which are 4.20, 4.95, 5.7 and 6.45 US cents/kW/h, depending on the number of miners hosted (see Section "Giga Watt's pricing"). It translates into daily rental income of €0.1-0.15 per token (€37-57 per year).

To take advantage of this option, Giga Watt's clients who do not have their own tokens and token holders who need additional tokens or have spare tokens, place orders seeking or offering tokens for rent on the Partner's rental module on Giga Watt's website. Each order specifies the number of tokens, the rental fee which the token holder is looking to receive or which the client has to pay according to the applicable pricing plan. Token holders and clients can view the lists of these orders, sorted by their value to the viewer, and choose a suitable option or place their own order.

After the completion of the Token Launch, hosting of miners will only be available to retail clients through tokens. Consequently, the clients who do not own tokens will have to rent them from their owners. Customers who had their miners hosted with Giga Watt before the start of the Token Launch will continue to be served. Their hosting fees will cover the rental fees for token holders who rent out their tokens. However, after the end of their miners' lifecycle they will be able to host their new miners with Giga Watt only if at that time there are token holders willing to rent out sufficient number of tokens.

Rental fees are deducted from their mining rewards daily and paid to the token holder via a third party splitter. Giga Watt and Partner do not charge any fees for the use of the rental module; however, third parties may charge fees to transfer funds or to withdraw them from the token holder's account on Giga Watt's web-site.

There is currently a dire shortage of mining hosting services: the demand greatly exceeds the supply. Furthermore Giga Watt's pricing packages are suitable for technology companies,

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<sup>16</sup> The matching of token holders' and Giga Watt's clients' orders for tokens offered or sought for rent is offered through the Partner's token rental module on Giga Watt's website.

mining farms, cloud-mining projects, and even individual miners. All of this makes Giga Watt extremely timely, relevant, and attractive to potential renters of tokens.

### **Access to capacities**

WTT can be used **from the very first date of issue**. Giga Watt facility's unique design allows for record-fast expansion, and the first units can be operated while the new ones are still being built.

Each Watt of capacity of each unit in operation is an opportunity to accommodate miners of token holders. Each Watt of capacity which is already rented out to the client who has no tokens of his own is an opportunity to rent tokens out.

Currently, all three existing facilities are in operation and mostly rented out. Status of the construction and the capacity utilization can be checked here - <https://cryptonomos.com/wtt/#/capacity>.

First batch of tokens of 5,400,000 WTT (which represents 5.4 MW capacity of the units put into operation by the end of the Token Launch) will be issued immediately following the end of the Token Launch. New batches of tokens will be issued in step with the construction of new units. Tokens will be distributed on the first come, first served basis.

### **Summary**

To sum up, the purchase of access to a hosting capacity with a lower hosting rate allows you to significantly reduce the cost of your mining business, thereby increasing mining rewards, offers more flexibility and helps balance out the mining risks: hosting capacity can be rented out at any time, and rental income is much less affected by the cryptocurrency volatility. Additionally, Giga Watt facility has a 50-year lifecycle (compared to 2.5 years for miners, due to constant increase in mining difficulty) and is suitable for any Blockchain. If any significant changes occur in the mining world, Giga Watt capacities could alternatively be used to set up private Blockchains.

Expected lifespan of WTT tokens is 50 years. This term is based on the expected lifespan of the Giga Watt's facilities.

## Token Launch Platform

Token Launch is conducted through a groundbreaking Cryptonomos platform.

All payments for WTT tokens will be collected by Cryptonomos. Upon the completion of the Token Launch, on August 7, 2017, Cryptonomos will issue and distribute its initial batch of WTT tokens, with subsequent batch issues to follow upon the completion of new capacity construction. If a cap of 30,000,000 WTT tokens sold is reached before the scheduled end of the Token Launch, Cryptonomos at its own discretion may issue WTT tokens ahead of the specified date to provide access to the facilities built by that time.

## WTT Smart Contract

WTT is an Ethereum token. It complies with and extends ERC-20 - a de-facto standard and widely used token API. WTT Smart Contract guarantees:

### 1. Transparency

**1.1. Balance.** The information on the number of tokens held by any user is public.

**1.2. Transfers.** All information on transfers is public and can be traced back in time.

### 2. Ownership

**2.1 Scope.** Only Ethereum users and contracts can be token holders.

**2.2. Uniqueness.** Each token belongs to one user-owner. There are no shared tokens.

**2.3. Right to transfer.** A token can be transferred to another user only by the direct command of its owner or by the command of the receiver directly authorized by the owner. No token transfer may be initiated by another user.

### 3. Token Supply

**3.1. Exclusive issue.** Only one user, the contract owner, can issue tokens.

### 4. Contract Management

**4.1 Replacement.** The contract owner can relinquish the ownership in favor of any other Ethereum user or contract.

**4.2 Blockade.** The contract owner can stop or resume token transfers between token holders at any time.

## 5. Miscellaneous

**5.1 Recovery.** Any call to the contract which results in an error does not change the users' tokens or Ether balance, except for the gas spent on the transaction.

**5.2 Limits.** Maximum allowed tokens in circulation and may be set and are limited to.

Smart contract does not guarantee the following ("Uncertainty Provisions"):

**1. User validity.** An account with positive token balance may or may not be a real Ethereum user or contract and therefore may not have a private key. Tokens transferred to such users will likely be lost.

**2. Ether supply.** The contract prohibits most, but not all means by which Ether could be sent to it by users who are not contract owners.

We engage independent auditors prominent in the industry, who review the smart contract code line by line, checking for any security, incentivization or other concerns regarding the attack surface.

## Payment Terms

WTT tokens will be available for purchase on pre-sale starting on May 19, 2017 and during the Token Launch from June 2, 2017 to July 31, 2017, unless a cap of 30,000,000 WTT tokens sold is reached earlier.

WTT can be acquired with BTC, ETH or fiat currencies via Cryptonomos platform. Transfers can be made from any BTC or ETH wallet<sup>17</sup>. For transfers of USD 1,000 and over a wire transfer option is available<sup>18</sup>.

Funds are credited to the participants' Cryptonomos accounts and could be used to acquire tokens. Each account will have three wallets (USD/BTC/ETH). The minimum Token Launch entry threshold is 1 WTT (equals to 1-1.2 USD, depending on the day of acquisition). The minimum entry threshold for the pre-sale is 10,000 WTT tokens (equivalent of 10,000 USD).

Cryptonomos accounts will be accessible several days before the start of the Token Launch (web-based or mobile access). Users may be offered an option to sign up and make transfers to their Cryptonomos accounts, but they will not be able to acquire WTT tokens until the start of the Token Launch unless they purchase WTT Token on pre-sale through the sales team. Accounts will be protected from unauthorized access by a two-factor authentication system.

All funds collected through the pre-sale and Token Launch will be deposited in escrow. Original payments made in BTC and ETH will be converted to USD at the rate effective at the time when the rights to WTT tokens were reserved.

The funds will be released from escrow in step with the completion of facilities.

Once the Token Launch is closed, no further WTT tokens could be acquired. On August 7, 2017 or earlier, as described above<sup>19</sup>, the first batch of tokens will be issued to participants<sup>20</sup>. As soon as the tokens are issued, they may be transferred to the owner's account on Giga Watt's web-site and used to host miners or to be rented out.

Giga Watt account owners get their mining rewards and rental income in BTC, ETH, or LTC (rental income is calculated based on the current exchange rate of BTC, ETH, or LTC to USD). Funds can be moved from the token holder's account to any third party BTC/ETH/LTC wallet at any time.

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<sup>17</sup> Cryptonomos does not charge any processing fees. Processing time and fees are determined by the payment processor. Token holders are responsible for paying all processing fees and financial charges imposed by the payment processor in connection with the payment.

<sup>18</sup> Please contact the support team for wire transfer instructions.

<sup>19</sup> See Section "Token Launch Platform" for details.

<sup>20</sup> Please see the Projected Timeline section for details of the token issue batches.

## Distribution and Rates

The Giga Watt facility layout is extremely flexible, which allows us to be flexible with the token sales.

There is no minimum amount: the first facilities have already been completed and the new units are currently being built. Consequently, the tokens can be issued for as low capacity as required. However, the total number of tokens available for sale as Giga Watt builds out additional capacities is capped at 30 million.

Each token represents 1 Watt's worth of the processing center's capacity. For every 100 tokens sold, 15 additional tokens will be issued and retained for the team, partners and advisors: 10 tokens to be distributed to team members, and 5 to be retained for distribution to partners and advisors at issuer's discretion. Consequently, for every 100 tokens sold, 115 Watts of processing center capacity is put into operation.

If the token sale is over-subscribed, meaning that there is more demand for WTT tokens than there is existing facility capacity, the capacity will be allocated to the WTT tokens in the order in which the WTT tokens were purchased. The over-subscribed proceeds will be placed into escrow until the requisite processing center capacity has been built out.<sup>21</sup>

WTT tokens retained for distribution to the team will be distributed only when no proceeds from over-subscribed tokens remain in escrow awaiting the completion of additional processing center capacity construction. WTT tokens retained for distribution to partners and advisors will be distributed on a case by case basis.

WTT initial rate depends on the day of acquisition:




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<sup>21</sup> If the construction of the processing center capacity designed to accommodate additional WTT tokens is not completed in a reasonable amount of time, the relevant portion of these proceeds will be refunded to the WTT token purchasers. However, if Giga Watt discharged all its obligations in full, no refunds will be due to the WTT token purchasers.

## Projected Timeline

The size of the Giga Watt facility depends on the amount of available funds. The Giga Watt project has sufficient commitments for land and electricity to build additional capacities to fulfil its obligations under this Token Launch.

### Projected Token Launch Timeline

- May 19 – June 2, 2017: pre-sale
- June 2 – July 31, 2017: Token Launch book building
- August 7, 2017: First batch of tokens (5,400,000 WTT) issued to participants; if the cap is reached earlier, the first batch of WTT tokens may be issued ahead of the schedule to provide access to the facilities built by the time of the issue (at Cryptonomos' discretion).

*New batches of tokens will be issued in step with the construction of new facilities.<sup>22</sup> To ensure the advantage for the Token Launch participants, no listing will be placed on third party exchanges until all WTT tokens sold through the Token Launch are distributed.*

### Projected Construction Timeline

3 units, 2.25 MW are available right now

- July 15, 2017: 1 Giga Pod completed, 0.75 MW
- August 1, 2017: 2 Giga Pods completed, 2.4MW
- August 15, 2017: Expansion of the unit, 0.9 MW
- September 1, 2017: 3 Giga Pods completed, 4.5 MW
- September 15, 2017: 9 Giga Pods completed, 15 MW

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<sup>22</sup> Additional WTT tokens may be sold to the public in the future as the facility capacity is increased through build outs.

- October 1, 2017: 3 Giga Pods completed, 4.5 MW
- November 15, 2017: 3 Giga Pods completed, 4.2 MW

## Team

### Giga Watt Project Team

- Dave Carlson

CEO, Giga Watt, Inc.

Software engineer and entrepreneur. 4 years as a CEO and founder of MegaBigPower, one of the largest single-operator mining facilities in the world.

- Adam West

VP Business Development, Director, Operator-Partner Program, Giga Watt, Inc.

10 years' experience in business development, management and marketing. Over the past year focused on Blockchain technologies, with the emphasis on industrial mining projects.

- Kyle Sidles

CTO, Giga Watt, Inc.

Database design, programming, network infrastructure and application deployment. Successfully built and launched over 200 diverse software projects in USA, India, and China. Builds and runs large-scale Blockchain data centers since 2013.

- Jeffrey Field

Lead Engineer, Giga Watt, Inc.

4 years' experience designing the physical infrastructure for mining facilities, network layouts, and cooling plans while managing technical crews for all aspects of installation and maintenance at the MegaBigPower facilities.

- Brian Armstrong

Operations Supervisor, Giga Watt, Inc.

Service and maintenance of mining equipment, training new personnel, team supervision on assigned operational tasks, troubleshooting and repair of network systems. 8 years' experience in the U. S. Air Force as a security expert.

- Sinden Harum

Executive Manager, Giga Watt, Inc.

Day to day operational responsibility for staff, office administration, payroll, human resources, bookkeeping, accounting, core programs, special programs.

- Michael Savuskan

CEO, GigaWatt Pte. Ltd.

24 years' experience in product, technology, and business development, marketing, planning, and sales management. Sales and profit growth, new business launches, and domestic and international marketplace assessments.

- Hayden Gill

VP of Sales, GigaWatt Pte. Ltd.

13 years' experience in investment, marketing, and alternative currencies. From 2010 focuses on bitcoin and blockchain technologies. Founder of successful projects in peer-to-peer payment services and alternative currencies.

## Cryptonomos Token Launch Team

- Nick Evdokimov, CEO

14 years' experience in developing high load online services. Founder of numerous Internet enterprises. 2 years in Blockchain development.

- Dmitry Khovalovich, Smart Contract Development

12 years' experience, with a focus on privacy and security of blockchain projects (Bitcoin, Ethereum), design and analysis of cryptographic schemes, and security software engineering. Security Researcher at the University of Luxembourg.

- Andrew Kuzenny, Head of IR

18 years' experience in investor relations, seeking and engaging partners, asset management. A recent Blockchain technologies enthusiast.

- Edward Khaptakhaev, Legal Counsel

12 years' experience in legal support of international and domestic companies engaged in energy generation, banking and IT/IP.

- Leonid Markin, Financial management

12 years' experience in finances and asset management. 5 years in finances in the high-tech engineering segment of the energy field. Fintech entrepreneur.

- Daria Generalova, Communications and PR

10 years in public communications. Diverse experience in marketing, from event management to marketing strategy development, with a focus on infrastructure companies. Joined blockchain industry last year.

- Anar Babaev, Digital Marketing

14 years in digital marketing. Internet entrepreneur focused on mastering and implementation of new technologies. Co-author of several books on digital advertising.

## Risk Factors

The acquisition of Tokens involves a high degree of risk, including but not limited to the risks described below. Before acquiring tokens, it is recommended that each participant carefully weighs all the information and risks detailed in this White Paper, and, specifically, the following risk factors.

### **A. Dependence on computer infrastructure**

Giga Watt's dependence on functioning software applications, computer hardware and the Internet implies that Giga Watt can offer no assurances that a system failure would not adversely affect the performance of your mining operations. Despite Giga Watt's implementation of all reasonable network security measures, its processing center servers are vulnerable to computer viruses, physical or electronic break-ins or other disruptions of a similar nature. Computer viruses, break-ins or other disruptions caused by third parties may result in interruption, delay or suspension of services.

### **B. Smart contract limitations**

Smart contract technology is still in its early stages of development, and its application is of experimental nature. This may carry significant operational, technological, regulatory, reputational and financial risks. Consequently, although the audit conducted by independent third party increases the level of security, reliability, and accuracy, this audit cannot serve as any form of warranty, including any expressed or implied warranty that the WTT Smart Contract is fit for purpose or that it contains no flaws, vulnerabilities or issues which could cause technical problems or the complete loss of WTT tokens.

### **C. Regulatory risks**

The Blockchain technology, including but not limited to the issue of tokens, may be a new concept in some jurisdictions, which may then apply existing regulations or introduce new regulations regarding Blockchain technology-based applications, and such regulations may conflict with the current WTT Smart Contract setup. This may result in substantial modifications of the WTT Smart Contract, including but not limited to its termination and the loss of WTT tokens.

### **D. Price of Bitcoin**

Giga Watt offers services to companies and individuals engaged in mining cryptocurrencies, primarily Bitcoin. Such operations are highly dependent on Bitcoin prices at local exchanges. Sharp and protracted decline in Bitcoin prices can affect the ability of Giga Watt's customers to fulfill their contractual obligations to pay rental fees to token holders whose tokens they rent.

**E. Rapid changes in technology may adversely affect mining business**

Cryptocurrency mining is a very dynamic and fast-paced business. To remain competitive, Giga Watt will use its best efforts to follow and promptly introduce the latest technologies at its facility. However, Giga Watt's failure to remain competitive despite its endeavors may pose the risk of declining benefits for the WTT token holders. Likewise, token holders are advised to monitor their own mining equipment performance and update it as needed. Alternatively, as their equipment performance weakens over time, they should consider renting their tokens out to other miners to avoid the decline in the mining rewards.

**F. Fluctuation in mining rewards.**

Mining cryptocurrencies is a risky business and many factors must be carefully considered prior to its commencement. Fluctuations of the BTC price, increase of the prices for mining equipment and electricity, growth of the mining difficulty rate, decrease in the block reward, and many other factors may affect mining rewards and result in losses.

**G. Fluctuation in token benefits and rental income.**

The WTT token is intended to provide a valuable benefit of access to a low-cost hosting solution for cryptocurrency miners by giving them the ability to use Giga Watt's facilities. Although token holders can rent their tokens to other people through the internal Giga Watt platform and receive income from rent, the primary purpose of the token is to allow token holders to achieve savings by cutting costs of their mining operations. Market changes, a drop in hosting prices, changes in the local cost of electricity at WTT's facility and other factors may reduce the value of the WTT tokens and drive down the rental prices of tokens.

**H. Construction delay.**

Construction timeline specified in this White Paper is based on the reasonable estimates but is not guaranteed. This timeline may change, and the construction may be delayed because

of many factors, including those beyond Giga Watt's control, such as the actions of third parties (contractors, suppliers, etc.). If the completion of the capacities is delayed by more than 3 months from the projected date, and, consequently, the relevant WTT tokens are not issued, the escrow agent may issue a refund at the request of the WTT token purchasers. The refund will be issued in the original form of payment at the exchange rate on the date of the refund.

#### **I. Change in electricity rate.**

The effective electricity rate provided in this document is based on a current cost of electricity available under the existing contracts with the Public Utility District of Washington State. The electricity rate is not guaranteed and may change from time to time. Any change in electricity rates will cause a direct change in the value of the WTT tokens and the ongoing cost of hosting your mining equipment.

#### **J. Irregular electricity consumption.**

If during the testing of the equipment sent to Giga Watt for hosting such equipment demonstrates a greater use of electric power than the number of WTT tokens purchased or rented to accommodate it, the equipment owner will be charged a regular Giga Watt's hosting rate (7.5-9.75 cents per kWh, depending on the number of hosted miners) for any amount of power consumed by the equipment in excess of the number of tokens available to host it.

#### **K. Change of electricity consumption.**

From time to time, the equipment's power consumption may fluctuate for various reasons including but not limited to seasonal temperature changes. If and when the equipment's power consumption exceeds the number of WTT tokens purchased or rented by its owner for its hosting, the owner will be charged a regular Giga Watt's hosting rate (7.5-9.75 cents per kWh, depending on the number of the hosted miners) for any amount of power consumed by the equipment in excess of the number of tokens available to host it.

#### **L. Change in maintenance cost.**

The maintenance cost specified in this document is based on the current labor costs and the hours required to run the company's operations and maintain the projected number of facilities and the clients' equipment. Over time, the cost of maintenance may change for

various reasons, including but not limited to the eventual minimum wage increase by the Washington State or Federal government. Any change in maintenance cost will cause a direct change in the value of the WTT tokens and the ongoing cost of hosting your mining equipment.

**M. Sales and other taxes.**

Token holders and purchasers of mining equipment may be required to pay sales tax (collected at sale) and other taxes associated with the transactions contemplated herein, whether in the United States or in their home countries. It will be a sole responsibility of the token holders and purchasers of the mining equipment to comply with the tax laws of the United States and other jurisdictions and pay all relevant taxes.

**N. Force Majeure.**

Giga Watt's performance may be interrupted, suspended or delayed due to force majeure circumstances. For the purposes of this White Paper, force majeure shall mean extraordinary events and circumstances which could not be prevented by Giga Watt and shall include: acts of nature, wars, armed conflicts, mass civil disorders, industrial actions, epidemics, lockouts, slowdowns, prolonged shortage or other failures of energy supplies or communication service, acts of municipal, state or federal governmental agencies, other circumstances beyond Giga Watt's control, which were not in existence at the time of Token Launch. If such circumstances occur prior to issuance of WTT tokens and Giga Watt is unable to issue WTT tokens within 6 months from the projected date, the escrow agent may issue a refund at the request of the WTT token purchasers. The refund will be issued in the original form of payment at the exchange rate on the date of the refund.

**O. Compliance with U.S. laws and regulations.**

Because the hosting facilities are located in the United States, WTT token holders who wish to use their tokens to host their equipment at the facilities would be required to comply with the U.S. laws and regulations and may need to verify their identities and provide proof of address (for individuals), or verify their registration, good standing, list of ultimate beneficial owners, and address (for legal entities) prior to using their WTT tokens and setting up their equipment at Giga Watt's facilities, or at any time thereafter upon Giga Watt's request. Token holders who fail to comply with such verification request, or who are determined to be

restricted from dealing with the U.S. entities or operating in the U.S., or who are otherwise ineligible under the US law to host their equipment with Giga Watt would be refused hosting or WTT token rental services, with no refund issued by Giga Watt for the purchased tokens. Such token holders may retain their tokens or may, at their discretion, choose to sell them to eligible customers. Token purchasers are solely responsible for learning about the US laws and legal restrictions applicable to residents of certain countries and individuals involved in certain activities.

**P. Disclosure of information.**

Personal information received from WTT token holders, WTT token renters, and owners of the equipment submitted for hosting, the information about the number of tokens or miners serviced by Giga Watt, rewards earned on the pool, the wallet addresses used, and any other relevant information may be disclosed to law enforcement, government officials, and other third parties when Giga Watt is required to disclose such information by law, subpoena, or court order. Giga Watt shall at no time be held responsible for such information disclosure.

**Q. Value of WTT Token.**

Once purchased, the value of WTT Token may significantly fluctuate due to various reasons. Giga Watt does not guarantee any specific value of the WTT Token over any specific period of time. Giga Watt shall not be held responsible for any change in the value of WTT Token.

Assumptions with respect to the foregoing involve, among other things, judgments about the future economic, competitive and market conditions and business decisions, most of which are beyond the control of the Giga Watt project team and therefore difficult or impossible to accurately predict. Although the Giga Watt team believes that its assumptions underlying its forward-looking statements are reasonable, any of these may prove to be inaccurate. As a result, the Giga Watt team can offer no assurances that the forward-looking statements contained in this White Paper will prove to be accurate. In light of the significant uncertainties inherent in the forward-looking statements contained herein, the inclusion of such information may not be interpreted as a warranty on the part of Giga Watt or any other entity that the objectives and plans of the Giga Watt project will be successfully achieved.

Please note that the Giga Watt project may be subject to other risks not foreseen by its management at this time.